

# Manual Tank Gauging (MTG)

Page 4b

**MANUAL TANK GAUGING** (MTG) may be used as a sole method of leak detection for tanks up to 1,000 gallons. It may be used with tightness testing for tanks up to 2,000 gallons capacity for up to ten years after installation or upgrading. **Manual tank gauging must be done every week and the results reconciled monthly.**

Facility Name	Facility ID#
---------------	--------------

<b>UST Information:</b> If a question does not apply, leave it blank.	MT TANK #	MT TANK #	MT TANK #	MT TANK #	MT TANK #

1	Is MTG used as the primary method of tank leak detection?	YES NO	YES NO	YES NO	YES NO	YES NO
---	---	--------	--------	--------	--------	--------

2	Are passing leak detection records available for the past 12 months?	YES NO	YES NO	YES NO	YES NO	YES NO
---	--	--------	--------	--------	--------	--------

3	<b>If question 2 is marked "NO", circle the months in which passing LD test records are NOT available.</b>  <b>1 = January</b>	<table border="1" style="font-size: 8px;"> <tr><td>1</td><td>2</td><td>3</td></tr> <tr><td>4</td><td>5</td><td>6</td></tr> <tr><td>7</td><td>8</td><td>9</td></tr> <tr><td>10</td><td>11</td><td>12</td></tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12	<table border="1" style="font-size: 8px;"> <tr><td>1</td><td>2</td><td>3</td></tr> <tr><td>4</td><td>5</td><td>6</td></tr> <tr><td>7</td><td>8</td><td>9</td></tr> <tr><td>10</td><td>11</td><td>12</td></tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12	<table border="1" style="font-size: 8px;"> <tr><td>1</td><td>2</td><td>3</td></tr> <tr><td>4</td><td>5</td><td>6</td></tr> <tr><td>7</td><td>8</td><td>9</td></tr> <tr><td>10</td><td>11</td><td>12</td></tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12	<table border="1" style="font-size: 8px;"> <tr><td>1</td><td>2</td><td>3</td></tr> <tr><td>4</td><td>5</td><td>6</td></tr> <tr><td>7</td><td>8</td><td>9</td></tr> <tr><td>10</td><td>11</td><td>12</td></tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12	<table border="1" style="font-size: 8px;"> <tr><td>1</td><td>2</td><td>3</td></tr> <tr><td>4</td><td>5</td><td>6</td></tr> <tr><td>7</td><td>8</td><td>9</td></tr> <tr><td>10</td><td>11</td><td>12</td></tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3																																																																
4	5	6																																																																
7	8	9																																																																
10	11	12																																																																
1	2	3																																																																
4	5	6																																																																
7	8	9																																																																
10	11	12																																																																
1	2	3																																																																
4	5	6																																																																
7	8	9																																																																
10	11	12																																																																
1	2	3																																																																
4	5	6																																																																
7	8	9																																																																
10	11	12																																																																
1	2	3																																																																
4	5	6																																																																
7	8	9																																																																
10	11	12																																																																

4	Do records show liquid level measurements are taken at the beginning and the end of test period, at least 36, 44, or 58 hours ( <b>circle one</b> ), during which no liquid is added to or removed from the tank as determined in Item # 9 below?	YES NO	YES NO	YES NO	YES NO	YES NO
---	---	--------	--------	--------	--------	--------

5	Are level measurements based on an average of two consecutive stick readings at both the beginning and the end of the test period?	YES NO	YES NO	YES NO	YES NO	YES NO
---	--	--------	--------	--------	--------	--------

5a	Are they CONDUCTED ONCE EACH WEEK?	YES NO	YES NO	YES NO	YES NO	YES NO
----	------------------------------------	--------	--------	--------	--------	--------

6	Is the gauge stick long enough to reach the bottom of tank, is the stick base flat and not worn, and is the stick marked legibly in 1/8 <sup>th</sup> inch increments?	YES NO	YES NO	YES NO	YES NO	YES NO
---	--	--------	--------	--------	--------	--------

7	Record results of the most recent monthly average in gallons:					
---	---	--	--	--	--	--

8	If a tightness test is required, (i.e., <u>b</u> or <u>e</u> checked below) has test been conducted every 5 years for new or upgraded tanks? (Maximum of 10 years from installation or upgrading.) <i>NOTE: Record date and results of most recent TTT.</i>	YES NO	YES NO	YES NO	YES NO	YES NO
---	--	--------	--------	--------	--------	--------

9	Enter Tank Number Below:	Nominal Tank Capacity (In Gallons)	Weekly Standards (Gallons)	Monthly Standards (Gallons)	Minimum Test Duration	Tightness Test Required	Valid Unit
a		110-550	10	5	36 hours	No	Tank Removed
b		551-1,000	13	7	36 hours	<b>Yes</b>	10 years*
c		551-1,000 – 64" diameter	9	4	44 hours	No	Tank Removed
d		551-1,000 – 48" diameter	12	6	58 hours	No	Tank Removed
e		1,001-2,000	26	13	36 hours	<b>Yes</b>	10 years*
f		2,001 + gallons	~NA~	~NA~	~NA~	~NA~	<b>(Not Allowed)</b>

\* An approved monthly monitoring method must be started ten years after the tank is installed or upgraded with corrosion protection.

<b>Comments:</b> <div style="border-bottom: 1px solid black; height: 20px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 20px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 20px; margin-bottom: 5px;"></div>
---

(Inspector Initial)	(Date)	(Owner/Operator)	(Date)